PERSISTENT RESERVATION IO BARRIERS

ABSTRACT OF THE DISCLOSURE

5   A method for sharing a storage device amongst a plurality of computers while providing data integrity in the storage device is presented. A computer is registered for a reserved access type with the storage device by storing a computer identifier in the storage device. Access to the storage device is provided to the

10   registered computer dependent on the registered computer's stored identifier and the reserved access type. Upon loss of knowledge of the stored identifier in the shared storage device by the registered computer, the computer replaces the previous identifier for the computer stored in the shared storage device with a new identifier. The registered computer may be a currently registered computer or a previously

15   registered computer.